

S/137/62/000/004/134/201
A060/A101

18.8100

AUTHORS: Tatochenko, L. K., Lyndin, V. V.

TITLE: Instrument for the express determination of the Curie point

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 88, abstract 4I529
("Sb. tr. In-t metalloved. i fiz. metallov Tsentr. n.-i. in-ta
chernoy metallurgii", 1959, 6, 485-491)

TEXT: An instrument is proposed with pulse-phase indication of the jump in magnetic permeability for the rapid determination of the Curie point. The maximum temperature registered by the potentiometer is the Curie point temperature, and further changes in the specimen temperature are not registered, which is an advantage of this instrument over an anisometer. The second important advantage of the instrument is the fact that the material is investigated without a special preparation. Specimens over 4.5 mm long and of arbitrary shape with transverse section over 25 mm are utilized. The maximum transverse diameter of the specimen is determined by the inside diameter of the heater. Tests of the instrument have shown its reliability of operation and good reproducibility of results of measurements. As result of the high sensitivity of the pulse-phase

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Card 1/2

S/137/62/000/004/134/201
A060/A101

Instrument for the express ...

indicator and its almost total inertialessness, the errors in the determination of the Curie point depend entirely upon the error of determination of temperature and increase as the heating rate of the specimen increases. The instrument is successfully applied at the TsNIIChM for investigating the properties of ferromagnetic alloys. A block diagram and flow chart of the Curie point indicator are given, as well as the schematic diagram of the sensor block.

V. Ferenets

[Abstracter's note: Complete translation]

Card 2/2

POSTNIKOV, Vladimir Ivanovich; LETENKO, Viktor Aleksandrovich;
TATOCHENKO, L.K., kand.tekhn.nauk, retsenzent; KALINOVA,
R.S., retsenzent; SHITAN', A.S., kand.khim.nauk, red.;
SEMEHOVA, M.M., red.izd-va; EL'KIND, V.D., tekhn.red.

[Efficiency of radioactive control in the machinery industry
applied to gamma-ray flaw detection] Effektivnost' radio-
aktivnogo kontrolia v mashinostroenii; primenitel'no k gamma-
defektoskopii. Predsl. A.V.Topchieva. Moskva, Gos.sauchno-
tekhn.izd-vo mashinostroit.lit-ry, 1960. 143 p.

(MIRA 14:4)

(Radioisotopes--Industrial applications)

PHASE I BOOK EXPLOITATION SOV/4432

Tatochenko, Lev Kirillovich

Radioaktivnyye izotopy v priborostroyenii (Radioactive Isotopes In Instrument Manufacture) Moscow, Atomizdat, 1960. 365 p. 8,000 copies printed.

Ed.: A. F. Alyab'yev; Tech. Ed.: Ye. I. Mazel'.

PURPOSE: This book is intended for instrument design engineers.

COVERAGE: The book deals with: 1) theoretical and practical problems of using radioactive isotopes in control and measuring equipment for the regulation of technological parameters, particular attention being given to the interaction of radiation and matter and to the characteristics of basic radiators used in instrument manufacture 2) radiation detectors used in instrument manufacture including ionization chambers, gas and scintillation counters, their inclusion in various circuits, and their operating conditions 3) theoretical probability principles for calculating errors and reliability of instruments with radioactive emitters, and 4) various types of instruments with

Card 1/9

Radioactive Isotopes (Cont.)

SOV/4432

radioactive emitters including instruments with direct measurement of radiation intensity, relay-type instruments, compensation and tracking equipment, principles of arrangement, methods of calculating parameters, and methods of estimating instrument and statistical errors. The author thanks the members of the Seminar po radioaktivnomu priborostroyeniyu (Seminar on Radioactive Instrument Manufacture) attached to the Academy of Sciences USSR. There are 66 references: 62 Soviet, and 4 English.

TABLE OF CONTENTS:

Foreword	3
FIRST PART. PHYSICAL AND TECHNICAL PRINCIPLES OF UTILIZATION OF RADIOACTIVE ISOTOPES AND NUCLEAR RADIATION IN INSTRUMENT MANUFACTURE	
Ch. 1. Radioactive Isotopes and Nuclear Radiation	5
1. Radioactive decay. Activity units	5
2. Nuclear radiation interaction with matter. Terminology	14
3. Passage of alpha particles through matter	20

Card 2/9

SOKOLOV, V.S.; GORAZDOVSKIY, T.Ya., kand. tekhn. nauk, nauchnyy red.;
KHIMCHENKO, N.V., kand. tekhn.nauk, nauchnyy red.; TATOCHENKO,
L.K., kand. tekhn. nauk, nauchnyy red.; IGLITSYN, I.L., red.
Izd-va; LARIONOV, G.Ye., tekhn. red.

[Flaw detection in materials] Defektoskopiia materialov. Izd.2.,
perer. Moskva, Gos. energ. izd-vo, 1961. 326 p. (MIRA 15:3)
(Nondestructive testing)

VASIL'YEV, A.G.; KLEMPNER, K.S.; TATOCHENKO, L.K., doktor tekhnicheskikh nauk, retsenzent; VERKHOVSKIY, B.I., inzh., red.; KURATSEV, L.Ye., red.izd-va; SMIRNOVA, G.V., tekhn.red.

[Relay devices with nuclear radiation sources] Releinye ustroistva s istochnikami iadernogo izlucheniia. Moskva, Mashgiz, 1963. 166 p.
(MIRA 17:3)

PHASE I BOOK EXPLOITATION

SOV/6377

Dzhagatspanyan, Rafael' Vachaganovich, Rudol'f Filippovich Romm, and Lev Kirillovich Tatochenko

Primeneniye radioaktivnykh izotopov dlya kontrolya khimicheskikh protsessov (Application of Radioactive Isotopes in the Control of Chemical Processes) Moscow, Goskhimizdat, 1963. 343 p. Errata slip inserted. 5000 copies printed.

Ed.: E. E. Finkel'; Tech. Ed.: V. V. Kogan.

PURPOSE: This book is intended for scientific and technical-engineering personnel working with devices equipped with radioisotopic sensors.

COVERAGE: The book deals with fundamentals of the theory of devices equipped with radioisotopic sensors and the use of these devices for controlling and regulating chemical-engineering processes. Methods for detection and recording of nuclear radiation and basic means of protection from such radiation are described. No
Card 1/47

Application of Radioactive Isotopes (Cont.)

SOV/6377

personalities are mentioned. Lists of references follow each of the three parts of the book.

TABLE OF CONTENTS:

Foreword	6
PART I. PHYSICAL PRINCIPLES OF THE USE OF RADIOACTIVE ISOTOPES	
Ch. 1. Origin and Aspects of Nuclear Radiation	9
Ch. 2. Methods for Recording Nuclear Radiation	43
Bibliography to Part I	84
PART II. STANDARD CIRCUIT DIAGRAMS, THEORETICAL FUNDAMENTALS, AND OPERATING PRINCIPLES OF INDUSTRIAL DEVICES WITH RADIOISOTOPIC SENSORS	
Ch. 3. Principles of the Use of Radiation Detectors in Radioisotopic Sensors Card 2/41	85

TATOCHENKO, L. K.

Dissertation defended at the Institute of Automation and Telemechanics
for the academic degree of Doctor of Technical Sciences:

"Radioactive Isotopes in Instrument-Making."

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

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TATOCHENKO, V.K.

Outcome of bronchopulmonary disorders in primary tuberculosis in
children. Pediatrja 37 no.8:24-30 Ag '59. (MIRA 13:1)

1. Iz tuberkuleznogo otdeleniya (zav. - prof. I.V. TSimbler) Instituta
pediatrii AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. O.D.
Sokolova-Ponomareva).
(TUBERCULOSIS, PULMONARY, in infancy & childhood)

TATOCHENKO, V. K., Cand Med Sci (diss) -- "Bronchio-pulmonary injuries in primary tuberculosis of young children". Moscow, 1960. 15 pp (Acad Med Sci, Order of Labor Red Banner Inst o f Pediatrics), 200 copies (KL, No 10, 1960, 1.37)

TATOCHENKO, V.K.

Clinical aspects and pathogenesis of segmental and lobar
lesions in primary tuberculosis in infants. Probl.tub. 38
no.1:51-56 '60. (MIR 13:10)
(TUBERCULOSIS) (INFANTS--DISEASES)

FATEYEVA, Ye.M.; TATOCHENKO, V.K.

Problem of vitamin D-resistant rickets. Pediatrilia 38 no.9:
(MIRA 13:12)
51-58 S '60.

1. Iz otdela patologii detey rannego vozrasta (zav. - prof.
I.V.Tsimbler) Institut pediatrii AMN SSSR (dir. - chlen-korres-
pondent AMN SSSR prof. O.D. Sokolova-Ponomareva).
(RICKETS)

TATOCHENKO, V.K.

Percussive and auscultative changes in segmental processes of
the lungs in children. Vop. okh. mat. i det. 6 no.10:37-39 o '61.
(MIRA 14:11)

1. Iz tuberkuleznogo otdeleniya (zav. - prof. I.V.Tsimbler)
Instituta pediatrii (dir. - dotsent M.Ya. Studenikin) AMN SSSR.
(TUBERCULOSIS) (PERCUSSION) (AUSCULTATION)

RACHINSKIY, S.V., kand.med.nauk; TATOCHENKO, V.K.

Effect of adrenal cortex preparations and ACTH on the course
of tuberculosis in infants. Probl.tub. 39 no.2:41-47 '61.
(MIRA 14:3)

1. Iz tuberkuleznoy kliniki (zav. - prof. I.V. Tsimbler) Insti-
tuta pediatrii (dir. - chlen-korrespondent AMN SSSR prof. O.D.
Sokolova-Ponomareva) AMN SSSR.
(CORTISONE) (ACTH) (TUBERCULOSIS)

TATOCHENKO, V.K., kand.med.nauk

Some problems of segmental pulmonary pathology in children.
Pediatriia 41 no.9:69-76 S '62. (MIRA 15:12)

1. Iz tuberkuleznogo otdeleniya (zav. - prof. I.V.TSimbler)
Instituta pediatrii (dir. - dotsent M.Ya.Studenikin) AMN SSSR.
(TUBERCULOSIS)

RACHINSKIY, S.V., kand.med.nauk; TATOCHENKO, V.K., kand.med.nauk;
SPOROV, O.A., kand.med.nauk; ~~MASLOVSKAYA, T.B.~~, kand.med.nauk

Outcome of segmental and lobar lesions in primary tuberculosis in
young children under the influence of antibacterial therapy. Probl.
tub. 41 no.6:35-41 '63. (MIRA 17:9)

1. Iz detskoj tuberkuleznoj bol'ničey No.9 Baumanskogo rayona
(glavnyy vrach Ye.S. Bebedeva) i tuberkuleznogo otdeleniya (zav. -
prof. I.V.Tsimbler). Instituta pediatrii AMN SSSR, Moskva.

TATOCHENKO, Z.A.

Paresis of the larynx caused by injury during parturition. Vop.
okh.mat. i det. l no.6:79-81 N-D '56. (MLRA 10:1)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo
instituta Ministerstva zdravookhraneniya RSFSR (dir. V.N.Karachev-
teva, zav. klinichesim otdelom - doktor meditsinskikh nauk Ye.D.
Belyayeva)

(PARALYSIS) (HALYNX--DISEASES)

NASTA, M., Acad.; BUSESCU, M.; RODESCU, M.; TATOMIR, A.

The lymphadenobronchial fistula in the elder child & during puberty
& adolescence. Rumanian M. Rev. 1 no.4:27-32 Oct-Dec 57.

(LYMPH NODES, fistula

lymphadenobronchial fistula as manifest. of primary
pulm. tuberc. in puberty & adolescence)

(BRONCHI, fistula

same)

(TUBERCULOSIS, PULMONARY, in inf. & child
primary, lymphadenobronchial fistula as manifest. in
puberty & adolescence)

TATCMIR, K. I.

33140

Metod Opredeleniya Rasstoyaniy Mezhou Uchastkovymi Kvershlagami I Planircvki Respolozheniya
Promezhtochnykh Kvershlagov V Predelakh Uchastka. Doklady Akad. Nauk Ukr. Ssr, 1949
No 4, c. 15-22 -Na Ukr. Yaz.-Rezyume Na Rus. Yaz.

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

TATOMIR, K. I.

33141

Ustanovleniye Chisla Vyyemochnykh Uchastkov V Predelakh Kryla Shakhtnogo Polya Ili
Ego Chasti. Doklady Akad. Nauk Ukr. SSR, 1949, No 4, c. 23-27-Na Ukr. Yaz.- Rezyume
na Rus. Yaz

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

TATOMIR, K.I.

Determination of distances between sectional crosscuts and the planning
of the distribution of intermediate crosscuts in the section. Dop.AE
URSR no.5:75-82 '49. (MLRA 9:9)

1.Chlen-korrespondent AN URSR.2.Institut gornichnoi mekhaniki imeni
M.M.Fedorova AN URSR.
(Mine surveying)

TAK-MIR, K. . .

The opening and working of coal deposits with a layout of the main pits in stable strata Kiev, Izd-vo Akademii nauk Ukr. SSr, 1950. 134 p. (52-16741)

TN802.T3

TATOMIR, K.J.

Use of longwall and panel methods for mining coal fields. Trudy Inst.
gor. dela AN USSR no.1:47-59 '51. (MLRA 10:8)

1. Chlen-korrespondent Akademii nauk USSR.
(Coal mines and mining--Costs)

TATOMIR, K.I., chlen-korrespondent Akademiyi nauk UESR.

Method for calculating cross-section surfaces of mining field workings.
Dop. AN UESR no. 4:264-267 '53. (MLRA 6:8)

1. Instytut hirnichoyi spravy im. M.M.Fedorova Akademiyi nauk URSR.
(Mining engineering)

TATOMIR, Konstantin Ivanovich; KUCHEROV, P.S., otvetstvennyy redaktor;
NEMENKO, L.A., redaktor izdatel'stva; SIVACHENKO, Ye.K., tekhnicheskiy redaktor

[Selecting the method of working mine fields] Vybor sposoba razrabotki shakhtnykh polei. Kiev, Izd-vo Akademii nauk USSR, 1956.
115 p. (MIRA 9:7)

1. Chlen-korrespondent AM USSR (for Tatomir, Kucherov)
(Mining engineering)

TATOMIR, K.I.

TATOMIR, K.I.

Method of calculating an efficient cross-section of sequence of
mining operations. Sbor.trud.Inst.gor.dela AN URSR no.4:48-58 '56.

1.Chlen-korrespondent AN USSR.
(Mining engineering--Tables, calculations, etc.)

TATOMIR, Konstantin Ivanovich; KUCHEROV, P.S., otvetstvennyy red.; NEMENKO,
L.A., red.; ROZENTSVHIG, Ye.N., tekhn.red.

[Calculating the working system of a mine] Raschet seti vyrabotok
shakhty. Kiev, Izd-vo "kad. nauk USSR, 1958. 182 p.
— — — [Supplement] Prilozhenie. 16 nomogr. (MIRA 11:4)

1. Chlen-korrespondent AN USSR (for Tatomir, Kucherov)
(Coal mines and mining)

TATOMIR, K.I.; FUNT, Ye.A.; BLOSHENKO, I.K.; SHCHERBAKOV, N.V.

Cost of supporting development workings of Donets Basin mines in
relation to the depth of their location. Sbor.trud.Inst.gor.dela
AN URSR no.8:98-106 '61. (MIRA 15:2)
(Donets Basin--Mine timbering--Costs).

TATOMIR, K.I.

New method of solving mining problems. Trudy Inst.gor.dela
AN URSR no.11:3-16 '62. (MIRA 16:2)
(Donets Basin--Coal mines and mining)

TATOMIR, K.I.; FUNT, Ye.A.; BLOSHENKO, I.K.; SHCHERBAKOVA, N.V.

Cost of supporting development workings in the Donets Basin.
Trudy Inst. ger. dela AN USSR no.11:106-111 '62. (MIRA 16:2)
(Donets Basin--Mine timbering--Costs)

TATKIR, K.I.; ANDREYEV, T.N.

Effect of air leakage on the selection of a flow sheet for working coal deposits. Chir. trud. Inst. gor. dela Ak. Nauk no.13:
5-14 '63
(MIA 1727)

TATOMIR, K.I.; FUNT, Ye.A.; BLOSHENKO, I.K.; ANDRUSHKO, V.F.; SAPRYKIN, V.E.

Cost of maintaining haulage drifts depending on the mining depth. Sbor. trud. Inst. gor. dela AN URSR no.13:138-143 '63
(MIRA 17:7)

TATOMIR, K.I.; ANDREYEV, I.M., gornyy inzh.

Problems in the reconstruction of mines in the central part of
the Donets Basin. Ugol' Ukr. 7 no.7:4-9 J1 '63. (MIRA 16:8)

1. Institut gornogo dela AN UkrSSR. 2. Chlen-korrespondent
AN UkrSSR (for Tatomir).
(Donets Basin—Coal mines and mining)

KOROVITSKIY, L.K.; TSUVERKALOV, D.A.; ZAHETSKAYA, I.V.; DOROSHENKO, K.G.;
TATOMIR, L.G.

Skin allergy test in dysentery and its diagnostic significance.
Zhur. mikrobiol. epid. i immun. no.12:76-81 D '54. (MLRA 8:2)

1. Iz kliniki infektsionnykh bolezney (zav. prof. L.K.Korovitskiy)
i kafedry biokhimii (zav. prof. D.A.TSuverkalov) Odesskogo meditsinskogo instituta imeni N.I.Pirogova (dir. I.Ya.Diyneka)

(DYSENTERY, diagnosis,
allergic skin test)

(ALLERGY, diagnosis,
skin tests, diag. value in dysentery)

TATOMIROVIC, M., inz.

Problems of the development of international road transport.
Medun transp 10 no. 2:121-124 F '64.

TATON, Jan

Use of radioiodine in diagnosis and therapy of thyroid diseases.
Polski tygod. lek. 11 no.31:1387-1392 30 July 56.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w
Warszawie; kierownik: prof. dr. Jakub Wegierko, Warszawa, ul.
Oczki 6. III Kl. Chorob Wewn. A.M.

(IODINE, radioactive,
diag. & ther. of thyroid gland dis., review (Pol))
(THYROID GLAND, diseases,
diag. & ther. with radioiodine, review (Pol))

CZERNIK, Andrzej; TATON, Jan

Dynamics of heart systole in trichinosis. Polskie arch. med. wewn.
27 no.6:763-772 1957.

1. Z III Kliniki Chorob Wewnętrznych A. M w W-wie Kierownik: prof. dr
nauk med. J. Wegierko i z Ośrodka Epidemicznego w Płocku Kierowniki:
prof. dr Med. B. Kassur. Adres autora: Warszawa, ul. Nowogrodzka 59,
III Kl. Chorob Wewn. A. M.

(HEART, physiol.

systole in trichinosis (Pol))

(TRICHINOSIS, physiol.

heart systole (Pol))

TATON, Jan; FAJER, Jerzy

Case of acute renal failure after intra-arterial transfusion
with incompatible Rh- and of labor hemorrhage. Gin. polska 28
no.2:217-223 Mar-Apr 57.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik:
prof. dr. J. Wegierko Z Oddziału Polozniczego Szpitala Powiatowego
w Rawie Mazowieckiej Dyrektor Szpitala: W. Dabrowski Ordynator
Oddziału Ginekologiczno-Polozniczego: J. Fajer.

(LABOR, hemorrh.

with acute renal failure caused by incompatible Rh
factor (Pol))

(KIDNEY DISEASES, etiol. & pathogen.

acute renal failure caused by incompatible Rh factor
in transfusion for labor hemorrh. (Pol))

(RH FACTORS

incompatibility causing acute renal failure following
transfusion in labor hemorrh. (Pol))

KUCZEWSKA, Kazimiera; VATON, Jan

The role of aldosterone in the pathogenesis of various clinical symptoms.
Polskie arch. med. wewn. 28 no.1:95-106 1958.

1. Z III Kliniki Chorob Wewnętrznych A. M. w Warszawie Kierownik: prof.
dr med. J. Wegierko. Adres autora; Warszawa, Oczki 6.

(ALDOSTERONE, effects
on metab. & physiol. funct. in various clin. cond. (Pol))

KODEJSZKO, Eugeniusz; KOLINKA, Maria; KUCZEWSKA, Kazimiera; TATON, Jan

Behavior of aldosterone in patients with chronic circulatory failure
Polskie arch.med. wewn. 28 no.4:547-552 1958.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierowniki:
Kliniki, prof. dr med. J. Wegierko. Adres autora: Warszawa, Oczki,
6 III Klinika Chorob Wewnętrznych.

(ALDOSTERONE, in urine

in congestive heart failure (Pol)
(CONGESTIVE HEART FAILURE, urine in
aldosterone (Pol))

KODEJSZKO, Eugeniusz; KOLINSKA, Maria; KUCZEWSKA, Kazimiera; TATON, Jan

Aldosterone in patients with chronic circulatory insufficiency. Polski tygod. lek. 14 no.5:193-196 2 Feb 59.

1. (Z III Kliniki Chorob Wewn. A.M. w Warszawie; kierownik: prof. dr med. E. Kodejszko) Warszawa, ul. Nowogrodka 59. III Klinika Chorob Wewnetrznych A.M.

(CARDIOVASCULAR DISEASES. urine in aldosterone in chronic circ. insuff. (Pol))

(ALDOSTERONE, in urine in chronic circ. insuff. (Pol))

TATON, Jan

Surgery in diabetic patients. Polski tygod. lek. 14 no.5:229-233
2 Feb 59.

1. (Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik: prof.
dr. med. Eugeniusz Kodejszko). Adres: Warszawa, ul. Oczki 6. III Klin.
Chor. Wewn. A.M.

(DIABETES MELLITUS

risk of surg. in diabetics (Pol))

(SURGERY, OPERATIVE

risk in diabetes mellitus (Pol))

KAROWSKA, Ludwika; TATON, Jan

Diversity of clinical forms of multiple myeloma. Polski tygod.
lek. 14 no.6:266-270. 9 Feb 59.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie;
kierownik: prof. dr med. E. Kodejszko). Adres: Warszawa, ul. Nowogrodzka
59. III Klinika Chorob Wewnętrznych.
(MYELOMA, PLASMA CELL, manifest.
clin. manifest. (Pol))

TATON, Jan

Atherosclerosis as a cause of death in patients with diabetes.
Polskie arch.med.wewn. 30 no.7:917-919 '60.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik:
prof. dr med. E. Kodejszko.
(ARTERIOSCLEROSIS compl)
(DIABETES MELLITUS compl)

TATON, Jan

The problem of Marfan's syndrome in the light of our observations.
Polskie arch.med.wewn. 30 no.8:1111-1124 '60.

1. z III Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik:
prof. dr. med. E.Kodejszko.
(ARACHNODACTILY case reports)

TATON, Jan

Progress of research on insulin and on mechanisms of its action. Pol.
tyg. lek. 17 no.11:405-409 12 Mr '62.

1. Z III Kliniki Chorob Wewnętrznych AM w Warszawie; kierownik: prof.
dr med. Eugeniusz Kodejszko.

(INSULIN pharmacol)

TATON, Jan

Reactivity of the adrenal cortex in women during the menopause. Pol.
tyg. lek. 17 no.17:627-632 23 Ap '62.

1. Z III Kliniki Chorob Wewnętrznych AM w Warszawie; kierownik: prof.
dr med. Eugeniusz Kodejszko.

(ADRENAL CORTEX physiol) (MENOPAUSE physiol)
(DIABETES MELLITUS physiol)

POLAND

TATON, Jan, Third Clinic of Internal Diseases (III Klinika Chorob Wewnętrznych), AM [Akademia Medyczna, Medical Academy] Warsaw (Director: Prof. Dr. med. S. KODEJSZKO)

"Studies of Function of Pancreas Insular System in Diabetes Connected with Obesity."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 44, 29 Oct 62,
pp 1701-1703.

Abstract: [Author's English summary modified] Materials, methods, and procedures are described for the study, on the basis of which it was concluded that normal insulin excretion by the pancreas insular system may be suggested in diabetes appearing in obese persons at least during the first few years of the disease. Of the 12 references, five (5) are Polish, one Russian, two (2) French, and four (4) English.

1/1

CZYZYK, Artur; TATON, Jan

Clinical problems of diabetic coma. Pol. arch. med. wewn. 32 no.12:
1601-1611 '62.

l. z III Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof.
dr med. E. Kodejszko.
(DIABETIC COMA)

KODEJSZKO, Eugeniusz; TATON, Jan

Glycemic curve after peroral loading with glucose and prednisolone
with glucose in arteriosclerosis. Cas. Lek. Cesk. 101 no.16/17:510-513
27 Ap '62.

1. III interni klinika lekarske akademie ve Varsave, prednosta prof.
dr. E. Kodejszko.

(GLUCOSE TOLERANCE TEST) (ARTERIOSCLEROSIS blood)
(PRENDISOLONE pharmacol)

KARWOWSKA-STAUBER, Ludwika; TATON, Jan; KRUS, Stefan

Pyelonephritis in diabetes. Clinical and anatomo-pathological analysis during the period 1951-1961. Pol. arch. med. wewn. 33 no.4:421-432 '63.

1. z III Kliniki Chorob Wewnętrznych AM w Warszawie. Kierownik: prof. dr med. E. Kodejszko i z Zakładu Anatomii Patologicznej AM w Warszawie Kierownik: prof. dr med. J. Dabrowska.
(PYELONEPHRITIS) (DIABETES MELLITUS)
(STATISTICS) (PATHOLOGY)

TATON, Jan

Rapid intravenous glucose load test in the light of our
observations. Pol. tyg. lek. 20 no.24:872-874 14 Je '65.

1. Z III Kliniki Chorob Wewnętrznych AM w Warszawie
(Kierownik: prof. dr. med. E. Kodejszko).

TATON, Jan , starszy asystent.

Status of the adrenal cortex function in diabetes mellitus.

Rozpr. wydz. nauk med., no. 28127-172 '64.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. Eugeniusz Kodejszko).

TATON, Jan

Mechanism of the metabolic effects of insulin. Pol. arch. med.
wewnst. 35 no.2:241-248 '65.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w
Warszawie (Kierownik: prof. dr. med. E. Kodejszko).

TATOSOV, A.K.; PETROV, N.I.; KRYLOV, S.K., redaktor

[Experience in constructing pontoon railroad bridges] Opyt postroiki
noplavnykh zhelezodorozhnykh mostov. Moskva, Gos. trahsp.zhel-dor.
izd-vo, 1945. 60 p. (MIRA 10:1)
(Pontoon bridges) (Railroad bridges)

TETRAHEDRON, V.

N-13

COUNTRY : Hungary

CATEGORY :

18398

ABSTRACT JOUR. : RZKhim., No. 5 1960, No.

AUTHOR : Matraaljai, A.

CITY : Not given

TITLE : The Synthesis of Cyclohexanone by the Catalytic
Vayer Phase Oxidation of Cyclohexanol

ORIG. PUB. : Magyar Kem Lapja, 15, No 5-6, 165-166 (1955)

ABSTRACT : Two processes were compared for the purpose of selecting the best process for the production of cyclohexanone for the planned production of caprolactam in Hungary: dehydrogenation and oxidation. On the basis of the tests carried out and the analysis of literature data, the oxidation method was selected as it requires smaller capital investment, the efficiency of the catalyst is greater by one order of magnitude, and the reaction can be carried out without special temperature controls.

CONT'D: 1/2

289

TATRAAL JAI, A.

Distr: 4E2c(j)/4E3d

Gas-phase catalytic hydration of acetylene. József
Márton, Gyula Zollner, Gyula Léval, Ákos Tatraaljai,
György Bíró (Szervet Vegyipari és Műanyagipari Kutató
Intézet, Budapest, Hung.). Magyar Tudományos Akad.
Kém. Tudományok Osztályának Közleményei 12, 441-53
(1959).—The com. production of AcH by reaction between
C₂H₂ and steam has been investigated. It was found that
the activity and selectivity of the ZnO-Zn phosphate catalyst
can be varied between wide limits. However, the compn.
of the catalyst is unstable. The absorption of AcH, C₂H₂,
and Me₂CO on various catalysts was investigated. A
method of calcn. is given for the simultaneous evaluation of
the sorption and polymerization of Me₂CO. The rate of
each process step can be controlled by additives which
change the apparent electron concn. on the surface of the
catalyst. The mechanism of the hydration of C₂H₂ is ex-
plained by a general glycol-type transition complex.

J. Sallay

7
1-BW(BW)
1-J/J(J/B)

2

Distr: 4E2c(j)/4E3d

435/60.

547.314.5

7

Investigation of the catalytic hydration of acetylene in the
vapour phase. [Redacted] 7511-19

1-861(82)

6f

The vapour phase reaction of acetylene and water on different catalysts was investigated with respect to the commercial production of acetone. The activity and selectivity of the catalyst combinations zinc oxide and zinc

TATRAALJAI, Endre

Operational use of the universal grinding angle meter.
Gepgyartastechn 2 no.3:115-119 Mr '62.

1. Forgacsolo Szerszamok Gyara.

TATRAI, GY.

The chief engineer is the principal leader in technical preparation; organization of enterprises of the machine industry in Czechoslovakia.

p. 15
No. 2, Jan. 1955
KOZLEMENYEI
Budapest

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 3
March 1956

TATRAI, GY.

Some problems of high man-power requirements and economy in planning sets of rolls.
p. 22.
Vol 9, no. 10, Oct. 1955. TOBTERMELÉS. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

TATRAI, Janos

Special mechanical trade works on buildings with cast panels.
Magy ep ipar 12 no.4:159-161 '63.

Therapy

HUNGARY

KOLESZAR, Gy., Dr. MOLNAR, L., Dr. JUHASZ, L., Dr. TATRAI, K., Dr. TOROK, I., Dr; Hajdu-Bihar Megye Council Hospital (chief physician in charge of the ward: MOLNAR, Lajos, Dr) (Hajdu-Bihar Megyei Tanacs Korhaza).

"Treatment of Viral Inflammation of the Cornea by UV Irradiation."

Budapest, Orvosi Hetilap, Vol 107, No 32, 7 Aug 66, pages 1518-1519.

Abstract: [Authors' Hungarian summary] The use of UV irradiation in the treatment of superficial and deep processes of the cornea caused by the herpes virus is described on the basis of 21 cases. The treatment led to healing within an average of 13.9 days in the case of superficial processes and within 24.5 days in the case of more deep seated ones. 9 Eastern European, 6 Western references.

1/1

ANANIKYAN, L.P.; TATRCHUK, G.T.

Air circulation, thermal conditions, and humidity in main
departments of alumina shops. Shor.trud.NIIST no.1:164-196
'58. (Alumina) (Workshops--Heating and ventilation)
(Dampness in buildings)

GRIGOR'YNOVA, A.T.; SHCHERBAKOVA, L.S.; TATRINA, O.V.

Improvement of labor conditions in the cyanidation of steel. Gig.
i san. 23 no.11:83-85 N '58 (MIRA 12:8)

1. Iz Traktorozavodskoy rayonnoy sanitarno-epidemiologicheskoy
stantsii Chelyabinska.
(STEEL INDUSTRY--HYGIENIC ASPECTS)

SOV/137-58-8-17589

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 197 (USSR)

AUTHORS: Sanadze, V. V., Tatrishvili, K. G.

TITLE: Effect of Low Concentrations of Alloying Elements on the Self-diffusion of Iron. III. Effect of the Concentration of Manganese (Vliyaniye malykh kontsentratsiy legiruyushchikh elementov na samodiffuziyu zheleza, III. Vliyaniye kontsentratsii margantsa)

PERIODICAL: Tr. Gruz. politekhn. in-t, 1957, Nr 4, (52), pp 165-170

ABSTRACT: The effect of the concentration of Mn on self-diffusion in γ Fe was studied with the aid of the radioactive isotope Fe⁵⁹ by the method of grinding off of layers followed by the measurement of residual integral activity and by the absorption method modified for the case of a complex emitter. The specimens contained 0.38, 0.91, 1.97, 4.1, and 6.03% Mn. The annealing of 20-70 hours duration was conducted within a 50°C interval in the 900 - 1300°C range. At low temperatures (to 1000°C) the inter-crystallite diffusion (ID) which has very little relation to the concentration of Mn is predominant. In the 1000 - 1100°C range the role of volume diffusion (VD) increases and the relationship with concentration becomes evident. Above 1100°C the dominant

Card 1/2

SOV/137-58 8-17589

Effect of Low Concentrations of Alloying Elements (cont.)

type of diffusion apparently is VD which has a definite relationship with the concentration consisting of the emergence of a maximum of the coefficient of self-diffusion at 4% Mn. The values for activation energies Q and the pre-exponential factors for ID and VD were calculated; Q for both ID and VD attain a maximum value at 4% Mn (37.3 and 81.18 kcal/g atom respectively). For the preceding report see RZhMet 1957, Nr 9, abstract 17757.

D T

1. Iron—Diffusion
2. Manganese—Metallurgical effects
3. Iron isotopes (Radioactive) Performance
4. Diffusion—Temperature effects

Card 2/2

82335

S/139/60/000/03/015/045

E0734 E335

187500

AUTHORS: Sanadze, V.V. and Tatrishvili, K.G.

TITLE: On the Influence of Small Additions of Tungsten¹ on the
Self-diffusion of Iron¹

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika,
1960, Nr 3, pp 93 - 96 (USSR)

ABSTRACT: The authors investigated the influence of small concentrations of tungsten (0.1, 0.35, 0.6, 0.76 and 1.2 wt.%) on diffusion in vacuum (10⁻³ mm Hg) in the temperature range 900 - 1 300 °C. As a tracer they used Fe⁵⁹. By means of the method of successive removal of layers, followed by measurements of the total radioactivity, the coefficients of self-diffusion of the iron, the activation energy of the self-diffusion and their dependence on concentration was measured. The full composition of the specimens used in the experiments is given in Table 1. The listed alloys were produced by smelting in a high-frequency vacuum furnace, casting into ingots which were forged into 5 x 5 x 25 mm rods; these rods were annealed at 1 000 °C for a duration of 15 hours. It can be seen from the obtained results

Card1/2

82335
S/139/60/000/03/015/045
E073/R335

On the Influence of Small Additions of Tungsten on the Self-diffusion of Iron

that introduction of tungsten atoms into the iron crystal lattice brings about a reduction in the activation energy of self-diffusion up to about 0.4 wt.% tungsten. It can be concluded therefrom that in small quantities, tungsten atoms bring about a weakening of the bond forces in the lattice of the γ -iron. However, increase of the W concentration to about 0.6 wt.% leads to an increase of the activation energy of self-diffusion and consequently to a strengthening of the bond forces. Further additions of W up to about 1.2 wt.% have hardly any effect on the activation energy. The values of the activation energy of the self-diffusion and of the pre-exponential factors both for diffusion into the grain and for intercrystallite self-diffusion are entered in Table 2.

There are 5 figures, 2 tables and 8 references, 6 of which are Soviet and 2 English.

ASSOCIATION: Gruzinskiy politekhnicheskiy institut imeni V.I.Lenina
(Georgian Polytechnical Institute imeni V.I. Lenin)

SUBMITTED: May 19, 1959

4

Card2/2

45005

S/139/62/000/006/007/032
E021/E151

AUTHORS:

Sanadze, V.V., Tsivtsivadze, T.A., and
Tatrishvili, K.G.

TITLE:

Influence of small concentrations of zirconium,
niobium and molybdenum on the self-diffusion of ironPERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika, no.6,
1962, 38-43

TEXT: Alloys were prepared in a high frequency furnace in a vacuum of 10^{-3} mm Hg. The starting materials were Armco iron, chemically pure niobium and zirconium and 99.5% pure molybdenum. Additions of 0.09-1.2% zirconium, 0.09-1.15% niobium and 0.14-1.1% molybdenum were used. The cast billets were forged and homogenised at 1150 °C for 50 hours. Specimens 5 x 5 x 25 mm were prepared and a 2 - 3 μ radioactive layer of Fe59 was deposited on them. Diffusion was produced at 900-1300 °C in vacuo. The coefficient of self-diffusion was measured by removing thin layers from the samples and measuring the residual radioactivity of the layer. Graphs of log. activity (ΔI) against the thickness of the layer removed (x) were drawn. For the alloy containing 0.53% niobium at

Card 1/3

Influence of small concentrations ... S/039/62/000/006/007/032
E021/E151

1000 °C there was a linear relationship between $\log. \Delta I$ and x which indicated that intercrystalline self-diffusion had a predominating influence. At 1250 °C there was a linear relation between $\log. \Delta I$ and x^2 which indicated predominance of trans-crystalline diffusion. Alloys with zirconium gave similar results. Alloys with molybdenum showed a linear relationship between $\log. \Delta I$ and x^2 at 900 °C as well as higher temperatures, indicating volume diffusion. The energy of activation Q and the exponential constant D_0 were determined from the temperature-coefficient of self-diffusion. In the case of Fe-Zr alloys, Q for volume self-diffusion increased from 69 to 76.5, and Q for intercrystalline diffusion from 31.8 to 34.1 kcal/g atom with increase in zirconium content from 0.09 to 1.19 wt.%. In Fe-Nb alloys, Q increased from 72.6 to 84.6 for volume diffusion and from 30.00 to 41.00 for intercrystalline diffusion with increase in niobium content from 0.09 to 1.15 wt.%. In Fe-Mo alloys, Q increased from 49.84 to 60.56 for volume diffusion, and from 37.04 to 40.29 for intercrystalline diffusion with increase in Mo content from 0.14 to 0.34 wt.%. With further increase to 1.10 wt.% Mo,

Card 2/3

Influence of small concentrations... S/139/62/000/006/007/032
E021/E151

Q decreased to 40.34 and 30.49 for volume and intercrystalline diffusion respectively.
There are 8 figures and 2 tables.

ASSOCIATION: Gruzinskiy politekhnicheskiy institut imeni V.I. Lenina
(Georgian Polytechnical Institute imeni V.I. Lenin)

SUBMITTED: May 27, 1961, and after revision,
March 8, 1962.

Card 3/3

the surface of the metal
is covered with a thin
adhesive layer. This
can be done by allowing
an adhesive to dry on the
surface or by immersing
the metal in a bath of
molten adhesive. If
the adhesive is molten,
it will penetrate the
surface of the metal.
This method is called
"salted electrolytical-
plating" or "electrolytic
plating". It is used to
create a number of layers with
different characteristics.

Self-diffusion coefficient of aluminum in dependence of temperature

$$D = 0.10 \cdot 10^{-6} \text{ cm}^2/\text{sec} (-30/RT) \\ D = 3.53 \cdot 10^{-6} \text{ cm}^2/\text{sec} (-61370/RT) \\ D = 1.82 \cdot 10^{-6} \text{ cm}^2/\text{sec} (-62390/RT)$$

Temperature with 0.16, 0.33, 0.75, 1.00, 1.25, 1.50 % of aluminum impurities, starting from 0.0001 to 0.0010 mol/l. (Al in Cu)

SUB-CCD: AM

ENCL: 1

ISSUED UNDER E.O. 13526 AS AN APPLICABLE COUNTRY

TRANSLATION OF RUSSIAN DOCUMENT

REF ID: A6110000000000000000000000000000

TRANSLATION: The radioactive isotope Fe⁵⁹ was used to study the

Card 1/3

L 10875-65

ACCESSION NR: A84046553

3

samples. The Fisher method was used to determine the coefficients

of the following elements:

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755120002-8

27 11 3 1

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755120002-8"

1427-24V171 14-1-
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Кириллов Иван Викторович
внук Романского агентурного батальона в группе со временем формирования 1942-
сейчас район пограничных органов.
1942-90 ср. кир. (ГР. инт. под. г. 2
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Зав. 1942, 14.10.
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Зав. 1946, 21.6.
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Director General Reference

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Porphyritic structures of some stones of the Dzirul'skii Crystalline Massive (Georgian S.S.R. Dokl. AN SSR 85, no. 2, 1952.

NOVEMBER 1952 [REDACTED] Unclassified
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ZARIDZE, G.M.; TATRISHVILI, N.F.

Age relationships and origin of ancient crystalline rocks of the
Lokskiy Massif. (In: Akademija nauk SSSR. Voprosy petrografii i
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(Georgia--Rocks, Crystalline and metamorphic)
(Rocks, Crystalline and metamorphic--Georgia)

TATRISHVILI, N. P.

USSR/Geology - Khramskiy Massif
May/Jun 55

"Age and Genesis of Ancient Granitoid Rocks of the
Khramskiy Massif (Georgia SSR)," G. M. Zaridze and
O. N. Tatrishvili.

In Akad SSSR, Ser Geol, No 3, pp 126-131.

State that the Khramskiy granitoids possess the
same age and evidently belong to the Lower Paleon-
tine according to their similarity with the Dzirisi-
sky and Lebedev massifs.

265-25

ZARIDZE, G.M., prof.; TATRISHVILI, N.F., prof.

Plagioclase replacement processes. Nauch.dokl.vys.shkoly; geol.-
geog.nauki no.2:57-61 '58. (MIRA 12:2)

1. Gruzinskij politekhnicheskiy institut i Tbilisskij universitet.
(Rocks, Igneous)

710

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Альбом. Материалы по истории
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Dissertation for degree of
Candidate Geological Sciences

Tbilisi State U.

Def. at

ZARIDZE, Georgiy Mikhaylovich; TATRISHVILI, Nina Fominichna; PETROV,
V.P., red.; OVCHINNIKOVA, S.V., red.izd-va; IVANOVA, A.G.,
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(MIRA 13:2)

(Georgia--Geology, Economic)

TATRISHVILI, N.F.

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Sovetskogo Soyuza.

Editorial Board, Ed.: K.P. Semenenko D.S. Korzhinsky, and G.D. Afanas'ev;
Ed. of Publishing House V.N. Zav'yulina; Tech. Ed.: A.A. Matveychuk.

PURPOSE: This book is intended for geologists and petrographers, as well as
students of geology at schools of higher education.

COVERAGE: The book contains 13 articles representing the reports given by Soviet
scientists at the 21st Session of the International Geological Congress. The
individual reports deal with theoretical problems of metamorphics and inter-
action of magmatic masses, formation of granites, magmatic replacement in sub-
effusive facies, formation of veins, and petrographic analysis. Representatives
of the following scientific institutions participated in the work: D.G. Kor-
zinsky and V.A. Zaridov, of IGGN (Institute of Geology of Mineral Deposits,
Petrography, and Geochemistry) AS USSR; V.V. Shchegoleva, of the Institute of
problem dokazhiviva (Institute of Geology) AS USSR; N.G. Sudovikov, Laboratory
Sirobina, E.I. Polovko, Ya. M. Belovskiy, and A.I. Strygin of the Institut
geologicheskikh nauk. Nauk. Akad. SSSR (Institute of Geological Sciences) AS USSR;
V.S. Sobolev of the Institut geologii polosovyykh i tektonicheskikh
(Institute of Geology of Minerals) AS USSR; and V. V. Tatischev, University
universitet (Lvov State University); O.M. Zaridov and N. F. Tatischev, of the
Geologicheskii institut. N. Grusakov, SSSR (Geological Institute AS USSR);
G.I. Popov, Institut geologii i geofiziki Sibiriiskogo Nauk. otdeleniya AS USSR;
(Institute of Geology and Geophysics of the Siberian Department of the AS USSR);
N.A. Gor'kov of the Nauk. otdeleniya AS USSR (Far Eastern Branch of the
AS USSR); and I.F. Trusova, of the Nauk. otdeleniya AS USSR (Moscow Institute
of Geological Exploration). An English resume' accompanies
each article. References follow individual articles.

Zaridov, V.A. Magnetic Replacement of Carbonate Formations

Polovko, V.I. Principles of the Classification and Grade of Ferrosiliceous
Rock Metamorphism in the Ukraine

Gor'kov, I.M. The Crystallization of Carbonate Rocks

Sobolev, N.G. Granites and Ore Formation

Slobodnikov, V.P. The Development of the Earth's Crust and the Significance
of Metasomatosis in This Process

Zaridov, G.M., and N.F. Tatischev. The Stages of Metasomatosis

Popov, G.I. The Phenomenon of Magmatic Replacement in the Subfracture
Facies and the Subfracture Stages of Development of Magmatic Complexes in
Western Siberia

Trusova, I.F. Granitization and Metamorphism of Precambrian Formations
in Central Kazakhstan

Belovskiy, Ya.M., and A.I. Stryzin. Granitization of the Rocks of an
Itron-Formation and the Genesis of Ores (see Illustrated by the Iron-Ore
Deposits of the Ukraine)

Card 1/5

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755120002-8

ZARIDE, G.M., TATRISHVILI, N.F.

Depth assimilation and late metasomatose processes during the formation
of the Upper Cretaceous volcanogenous deposits of South East Georgia.

Invited presentation at the 12th General Assembly of the
Geological Society, Dublin, July 1960.

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755120002-8"

ZARIDZE, G.M.; TATRISHVILI, N.F.; KHAMALADZE, I.I.

Metasomatic origin of certain carbonate rocks in upper Cretaceous
volcanogenic formations in southeastern Georgia. Soob. AN Gruz. SSR
25 no.2:145-150 Ag '60. (MIRA 13:11)

1. AN GruzSSR, Geologicheskiy institut. Predstavлено членом-
корреспондентом Академии П.Д.Гамкрелидзе.
(Georgia--Rocks, Carbonate)

ZARIDZE, G.M.; TATRISHVILI, N.F.; KHMALADZE, I.I.

Some specific features of upper Cretaceous volcanism in
southeastern Georgia. Dokl.AN SSSR 133 no.3:649-652
J1 '60. / (MIRA 13:7)

1. Geologicheskiy institut Akademii nauk GruzSSR. Predstavлено
академиком D.I.Shcherbakovym.
(Georgia—Metasomatism)

TATRISHVILI, N.F.

Petrology of the Paleozoic metamorphic and igneous rocks in the
gorge of the Teberda River. Trudy AN Gruz.SSR.Min.i petr.ser. 5:
85-114 '61. (MIRA 14:6)
(Teberda Valley—Rocks)

ZARIDZE, G.M.; TATRISHVILI, N.F.; KHMALADZE, I.I.

Petrography of Upper Cretaceous volcanic formations in southern
Georgia. Trudy Geol.inst.AN Gruz.SSR. Min. i petr. ser. 6:
27-71 '61. (MIRA 15:9)
(Georgia--Petrology)

SRENGELIA, David Mikhaylovich; TATRISHVILI, N.F., red.

[Petrology of the Dar'yal Massif.] Petrologiya Dar'yl'skogo
massiva. Tbilisi, Metaniereba, 1965, 102 p. (Akademia nauk
Gruzinskoi SSR, Tiflis. Geologicheskii institut. Trudy.
Novaia seriya, no.4)

(MIRA 18:11)

TATSEV, ASEM

Tatsev, Asen Kratuk kurs po teoretichna fizika; mekhanika i toplina. (Sofiya) Nauka i izkustvo (1952) 144 p. (Universitetska literatura) (Short studies on the theory of physics; mechanics and heat.)

SO: Monthly List of East European Accessions, LC. Vol, 3 No. 1, Jan '54 Uncl.

9(3), 24(3)

AUTHOR:

Tatsitov, G.A., Candidate of Technical Sciences,
Docent

SOV/146-58-4-8/22

TITLE: Elements of the Gyroscope System Theory as Systems
Tracking the Moment of External Forces

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Prirodstroye-
niye, 1958, Nr 4, pp 45-54 (USSR)

ABSTRACT: In this paper the author attempts to consider the prob-
lem of making more precise the formulae for determin-
ing the angular velocity of the precession motion of
a gyroscope system by introducing into this formula
the additional factor η . He establishes the con-
nection of this factor with the system parameters.
The factor η was called gyroscopic transmission fac-
tor and it is determined according to the following
formula

$$\eta = \frac{I\Omega^2}{I\Omega^2 + \sigma_i M} = \frac{\Omega}{\Omega + \sigma_i}$$

Card 1/3

SOV/146-58-4-8/22

Elements of the Gyroscope System Theory as Systems Tracking the Moment of External Forces

its ultimate value ($\eta = 1, \gamma = 0$). In case great angular velocity magnitudes are required for the precession motion in gyroscopic tracking systems for tracking the changes of some magnitude, the corresponding value of the factor η must be considered. The author refers to papers previously published by him on the same subject. He considers the meaning of the mathematical symbols known from previous papers Ref 1, 3, 4. There are 2 diagrams, 1 graph and 5 Soviet references.

ASSOCIATION: Leningradskiy institut tochnoy mekhaniki i optiki
(Leningrad Institute of Precision Mechanics and Optics)

SUBMITTED: June 3, 1958

Card 3/3

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A004/A001

Translation from: Referativnyy zhurnal Mashinostroyeniye, 1960, No. 15, p. 246,
80463

AUTHOR: Tatsitov, G. A.

TITLE: The Structural Schemes of the Gyroscopic Unit of Gyroscopic Servo
Systems. ^q

PERIODICAL: V sb.: Vopr. teorii i rascheta giroprriborov tochn. mekhan. (LITMO,
No. 36), Leningrad, 1958, pp. 54-69

TEXT: The author analyzes transmission functions and structural schemes
of gyroscopic servo systems, constructed by making use of astatic gyroscopic
units with three degrees of freedom. There are 6 figures and 10 references.

R. I. S.

✓B

Translator's note: This is the full translation of the original Russian
abstract.

Card 1/1